WHAT IS CLAIMED IS:

1. A digital broadcast receiving system having a receiver receiving a digital broadcast signal including an information table describing a program parameter forming a program,

said receiver comprising:

parameter set means for setting said program parameter described in said information table included in said digital broadcast signal as a signal extraction parameter; and

signal extraction means for extracting a program signal from said digital broadcast signal on the basis of said signal extraction parameter,

said parameter set means detecting content change of said information table on the basis of a predetermined criterion and setting said program parameter described in said information table after said content change as said signal extraction parameter every detection of said content change.

2. The digital broadcast receiving system according to claim 1, wherein said parameter set means monitors the contents of said information table every predetermined time, while said predetermined criterion includes presence/absence of content change of said information table itself.

3. The digital broadcast receiving system according to claim 1, wherein said information table further describes a PCR (program clock reference) serving as time information, and

said parameter set means monitors discontinuity of said PCR, while said predetermined criterion includes presence/absence of discontinuity of said PCR.

4.   The digital broadcast receiving system according to claim 1, wherein

said information table further describes a PCR serving as timing information, and

said parameter set means monitors the received state of said PCR, while said predetermined criterion includes whether or not said PCR is unreceivable for a predetermined time.

5.   The digital broadcast receiving system according to claim 1, wherein

said receiver further comprises:

decoding means decoding said program signal, and

said parameter set means monitors a result of decoding by said decoding means, while said predetermined criterion includes presence/absence of error occurrence in said result of decoding.

6.   The digital broadcast receiving system according to claim 1, wherein

said digital broadcast signal includes an EPG (electric program guide) describing a schedule for a broadcasted program, and

said parameter set means previously recognizes an end time of a currently received program from said EPG, while said predetermined criterion includes whether or not reaching said end time of said program.

7.   The digital broadcast system according to claim 1, wherein

said digital broadcast signal includes an externally received digital broadcast signal directly received from outside.

8. The digital broadcast receiving system according to claim 6, further comprising:

recording/reproducing means having a recording/reproducing part receiving an externally received digital broadcast signal from outside for recording said externally received digital broadcast signal while outputting recorded said signal as a digital broadcast signal for reproduction, wherein

said digital broadcast signal includes said digital broadcast signal for reproduction,

said receiver further comprises storage means, and

said parameter set means extracts a next program information table serving as an information table for a next program subsequent to a current program currently received by said receiver from said digital broadcast signal for reproduction recorded in said recording/reproducing part, previously preserves a program parameter described in said next program information table as a next program parameter, and reads said next program parameter from said storage means to set said next program parameter as said signal extraction parameter when the contents of said information table change.

9. The digital broadcast receiving system according to claim 1, further comprising:

recording/reproducing means having a recording/reproducing part receiving an externally received digital broadcast signal from outside for recording said externally received digital broadcast signal while outputting recorded said signal as a digital

broadcast signal for reproduction, wherein

said digital broadcast signal includes said digital broadcast signal for reproduction,

said recording/reproducing means further comprises:

5   a discontinuity flag adding part for adding a discontinuity flag to said externally received digital broadcast signal when said recording/reproducing part stops recording said externally received digital broadcast signal and making said recording/reproducing part record said externally received digital broadcast signal to which said discontinuity flag is added as said digital broadcast signal for reproduction, and

10   said parameter set means monitors said discontinuity flag in said digital broadcast signal for reproduction, while said predetermined criterion includes presence/absence of said discontinuity flag.

10.   The digital broadcast receiving system according to claim 1, further

15   comprising:

recording/reproducing means having a recording/reproducing part receiving an externally received digital broadcast signal from outside for recording said externally received digital broadcast signal while outputting recorded said signal as a digital broadcast signal for reproduction, wherein

20   said digital broadcast signal includes said digital broadcast signal for reproduction,

said recording/reproducing means further comprises:

a discontinuity flag adding part adding a discontinuity flag to said digital broadcast signal for reproduction when said recording/reproducing part shifts from a

25   reproducing state for said digital broadcast signal for reproduction to a stop state, and

said parameter set means monitors said discontinuity flag in said digital broadcast signal for reproduction, while said predetermined criterion includes presence/absence of said discontinuity flag.

5   11.   The digital broadcast receiving system according to claim 1, further comprising:

recording/reproducing means having a recording/reproducing part receiving an externally received digital broadcast signal from outside for recording said externally received digital broadcast signal while outputting recorded said signal as a digital

10   broadcast signal for reproduction, wherein

said digital broadcast signal includes said digital broadcast signal for reproduction,

said recording/reproducing means further comprises:

identification code adding means for adding an identification code identifiable

15   in a program unit to an information table in said externally received digital broadcast signal when said recording/reproducing part records said externally received digital signal and making said recording/reproducing part record said externally received digital broadcast signal to which said identification code is added as said digital broadcast signal for reproduction, and

20   said parameter set means monitors said identification code added to said information table in said digital broadcast signal for reproduction, while said predetermined criterion includes presence/absence of change of said identification code.

12.   The digital broadcast receiving system according to claim 1, further

25   comprising:

recording/reproducing means having a recording/reproducing part receiving an externally received digital broadcast signal from outside for recording said externally received digital broadcast signal while outputting recorded said signal as a digital broadcast signal for reproduction, wherein

5   said digital broadcast signal includes said digital broadcast signal for reproduction,

said recording/reproducing means further comprises:

identification code adding means adding a new identification code to an information table in said digital broadcast signal for reproduction every time said

10   recording/reproducing part shifts from a reproducing state for said digital broadcast signal for reproduction to a stop state, and

said parameter set means monitors said identification code added to said information table in said digital broadcast signal for reproduction, while said predetermined criterion includes presence/absence of change of said identification code.

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13.   The digital broadcast signal receiving system according to claim 1, wherein

said information table includes:

a current program information table corresponding to a currently broadcasted

20   program, and

a next program information table corresponding to a program broadcasted next, and wherein,

said parameter set means

previously performs temporary set processing extracting said next program

25   information table from said digital broadcast signal and temporarily setting a program

parameter described in said next program information table as a next program parameter,

monitors the contents of said current program information table while said predetermined criterion includes whether or not the contents of said current program information table change to the contents of said next program information table, and

5   performs real set processing setting temporarily set said next program parameter as said signal extraction parameter when the contents of said information table change.

14.   The digital broadcast signal receiving system according to claim 13,

10   wherein

said receiver includes storage means,

said temporary set processing includes processing of making said storage means store said   next program parameter, and

said real set processing includes processing of reading said next program

15   parameter from said storage means and setting said next program parameter as a signal extraction parameter.

15.   The digital broadcast signal receiving system according to claim 13, wherein

20   said signal extraction means extracts a program signal from said digital broadcast signal on the basis of valid said signal extraction parameter,

said temporary setting includes processing of temporarily setting said next program parameter without validating the same as said signal extraction parameter, and

said real set processing includes processing of validating said signal extraction

25   parameter.